



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application: : Group Art Unit: 1771
D. E. Chrzanowski et al. : Examiner: E. M. Cole
Serial No: 09/829,474 : Docket No: END919980129US2
Filed: 04/09/01 :
Title: WIRE BONDING METHOD AND : IBM Corporation
APPARATUS : Intellectual Property Law
: Department N50/40-4
: 1701 North Street
: Endicott, NY 13760

Assistant Commissioner For Patents
Washington, D.C. 20231

JAN 24 2003
TECHNOLOGY CENTER 1700

RECEIVED

LETTER TO OFFICIAL DRAFTSPERSON

Dear Sir:

Subject to the approval of the Examiner, please enter the drawings (1 set of 5 sheet(s), each on A4 size paper) included herewith in the above-identified Application.

The Commissioner is authorized to charge any comparison fees associated with this submission to Deposit Account number 09-0457.

A duplicate copy of this letter is included.

Date: 1/16/03

Phone: (607) 755-3203
Fax: (607) 755-3250

Respectfully submitted,

William H. Steinberg
Reg. No: 28,540



1/5
CHRZANOWSKI ET AL.
EN998129US2

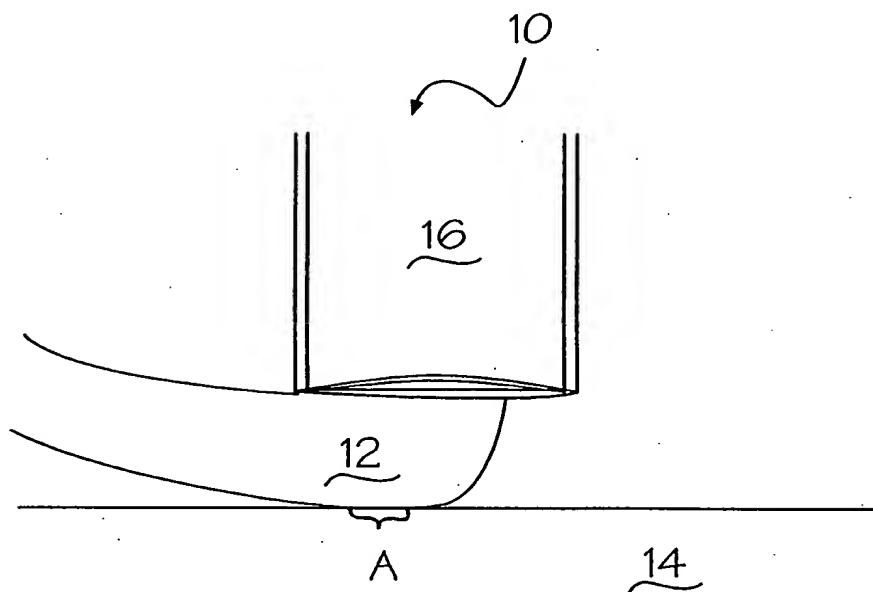


Figure 1

Best Available Copy

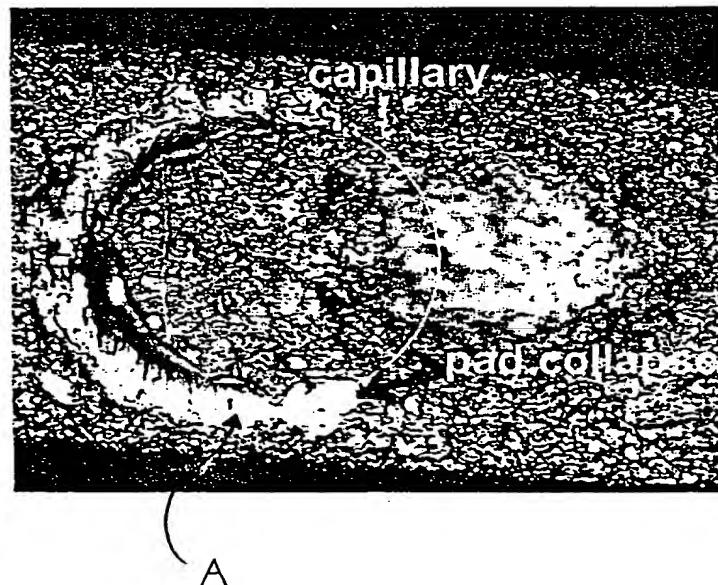


Figure 3
(PRIOR ART)



2/5

CHRZANOWSKI ET AL.
EN998129US2

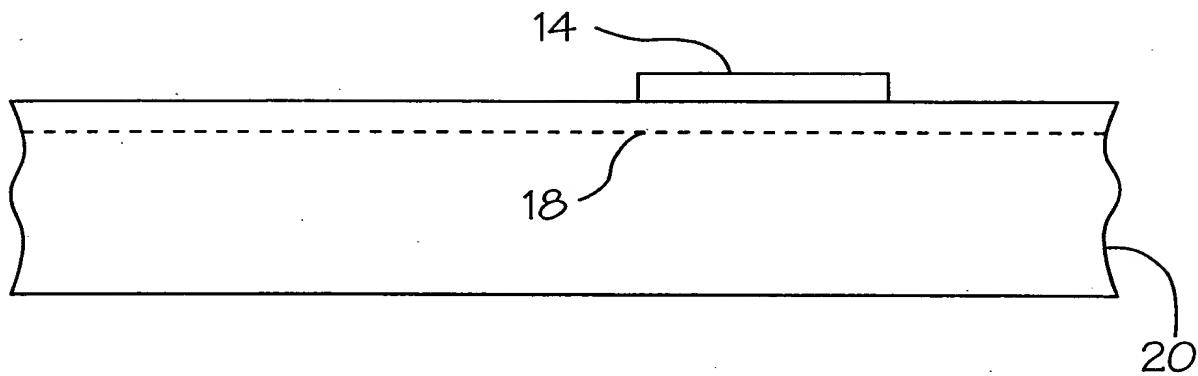
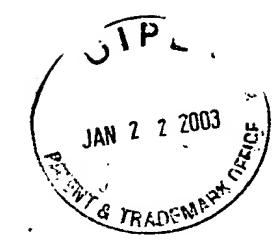


Figure 2



3/5

CHRZANOWSKI ET AL.
EN998129US2

Best Available Copy

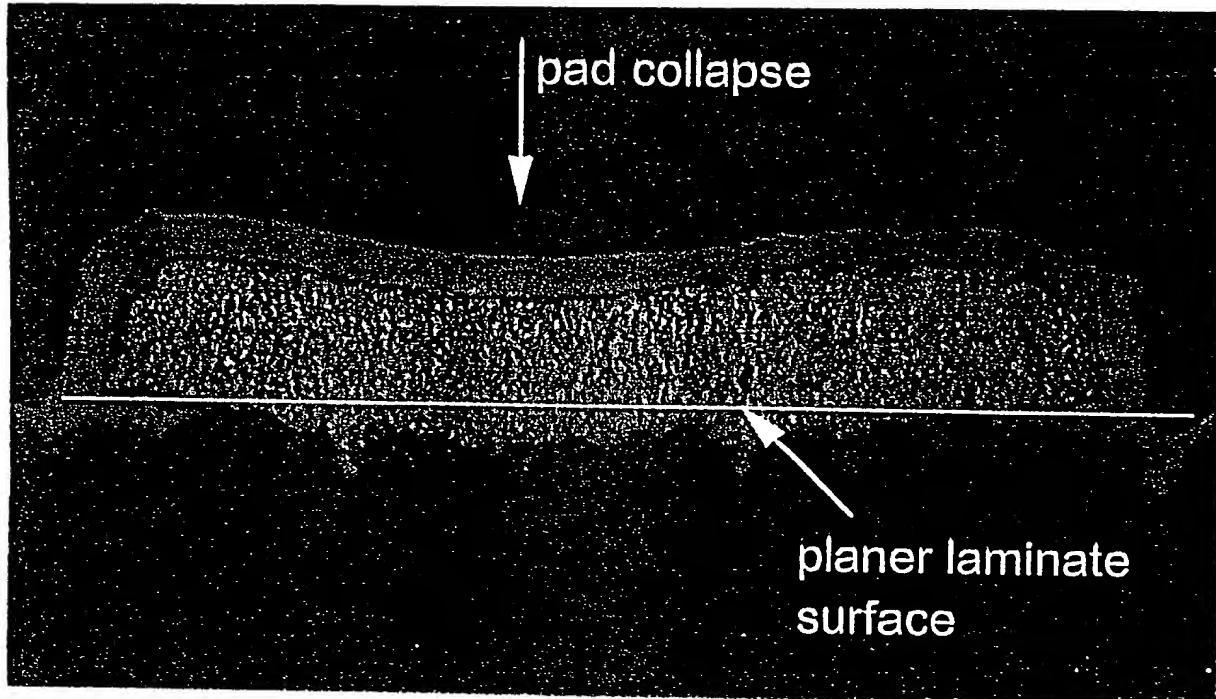


Figure 14
(PRIOR ART)

O I P E
JAN 2 2 2003
PATENT & TRADEMARK OFFICE

4/5

CHRZANOWSKI ET AL.
EN998129US2

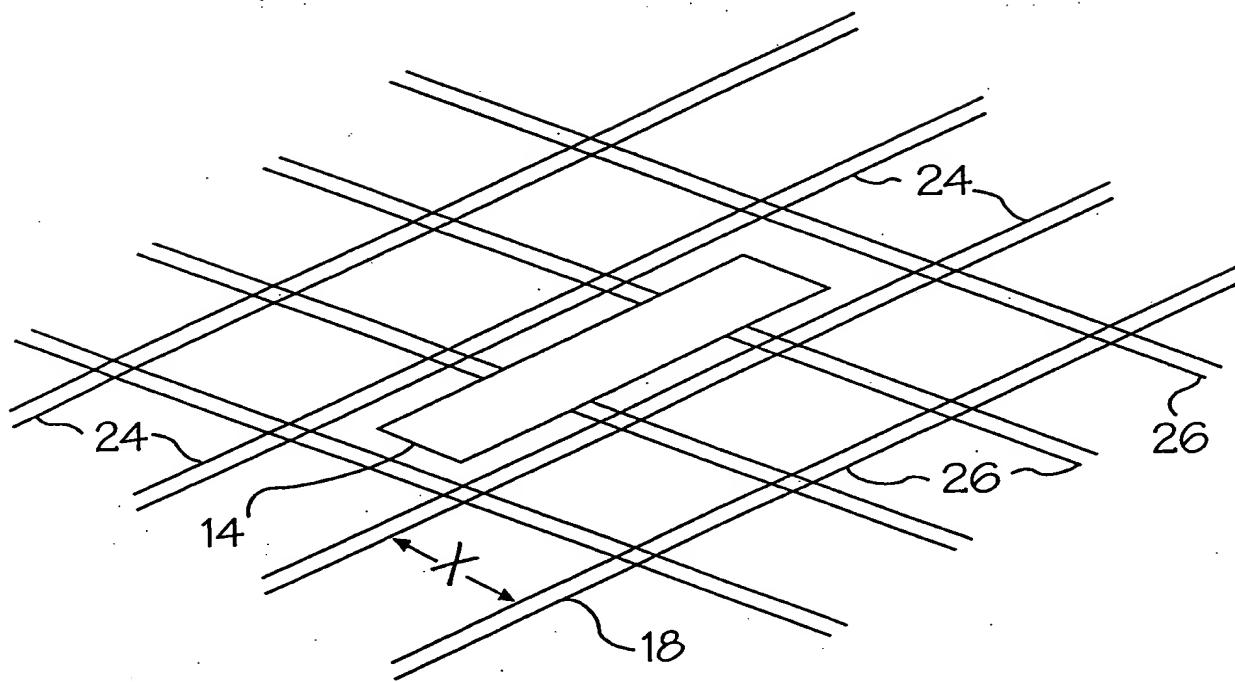


Figure 5
(PRIOR ART)



5/5

CHRZANOWSKI ET AL.
EN998129US2

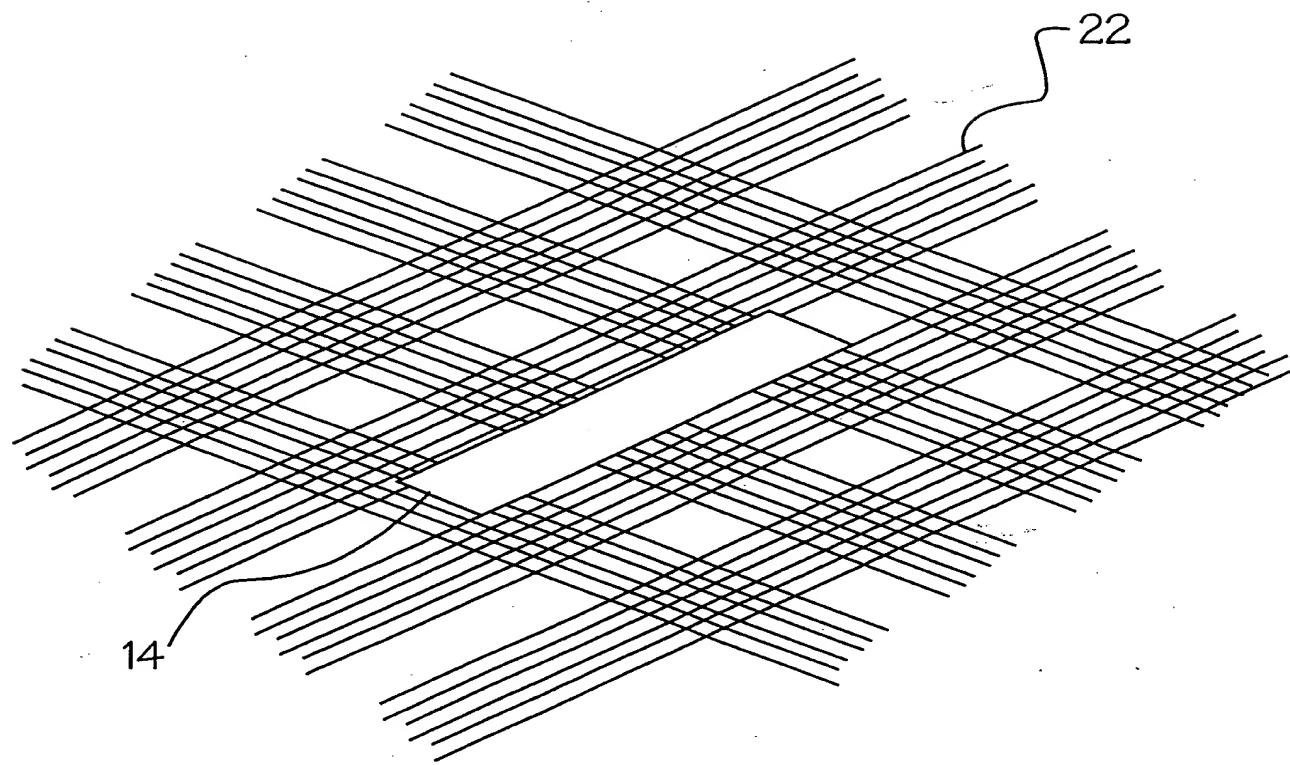


Figure 6